

Candidates' Name

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Signature:.....

Random No.					Personal No.		

S850/1
Subsidiary Information
and Communication
Technology
Paper 1, 2019.
2 ½ hours

RESOURCEFUL EXAMINATIONS
Uganda Advanced Certificate of Education
SUBSIDIARY ICT
Paper 1
2 hours 30 minutes

INSTRUCTIONS TO CANDIDATES

Answer **all** questions in this paper.

The paper is made up of **twenty** equally weighted questions.

All answers should be written in blue or black ink in the spaces provided on the Question paper.

For Examiners' Use Only																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total

Turn Over

1. The use of ICT and ICT Related equipment is rampant today. Briefly explain any two ways in which ICT related equipment may cause environmental degradation. **(2 marks)**

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- b) Suggest three possible measures to ensure that the use of computer technology does not affect the environment. **(3 marks)**

- (i)
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(ii)
.....
(iii)

2. Explain briefly following characteristics of modern computers **(5 marks)**

- i) Diligence
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Versality.....
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iii) Accuracy.....
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iv) Storage.....
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v) Artificial intelligence
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3. State any one measure that you would take in order to;

1. Protect the computer mother board from electrical damage.

..... (1 mark)

i) Prevent loss and damage of data files

..... (1 mark)

b) Give 3 reasons as to why computer maintenance and servicing should be done regularly. (3 marks)

i)

ii)

iii)

4. Rebecca has been given instruction to access a file by her boss.

D:/project work/out reach progs/Kampala/water.jpeg.

1) What is the file name (1 mark)

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ii) The underlined content(statement) in computer studies is referred to as (1 mark)

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iii) Identify the subfolders which Rebecca must open to before accessing a file. (2 marks)

i)

ii)

iv) Mention the file type opened in document. (1 mark)

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5. Teacher had his notes in both soft copy and hard copy.

a) Differentiate between **soft copy** and **hard copy** (2 marks)

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b) State any two advantages of using soft copy over hard copies. (2 marks)

I.

II.

When can hard copy be more reliable than soft copy? (1 mark)

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6. Okello saved his work on CD- R and Peter saved his work on an 8GB-flash disk.

a) Write advantages that Peter may enjoy over Okello. **(2 marks)**

i)

ii)

Okello may enjoy over Peter **(2 marks)**

i)

ii)

b) As peter was trying to save his work, he realized that disk space was small for the content he wanted to store. How can he measure the disk space? **(1 mark)**

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7. From the list of input devices given below. Identify the most appropriate one for each of the data entry scenarios illustrated in 1) – v)

Microphone, joystick, voice recognition device, speaker, graphic tablet, scanner, mouse device, magnetic strip reader.

i) To instantly feed a brand drawn image/picture into a computer. **(1 mark)**

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ii) Detect and confirm that specific voice that is authorized to enter computer laboratory. **(1 mark)**

i) To move, shoot or execute actions while playing computer games **(1 mark)**

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ii) Read personal information stored on a magnetic identification card **(1 mark)**

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iii) To select options, more activate command and highlighting document in graphical user interface. **(1 mark)**

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8. a) Distinguish between **writing** and **reading of data** as used in storage **(2 marks)**

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b) Compute the mega bytes found in folder occupying 2.5GB on the hard disk of computer. **(3 marks)**

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9. a) Differentiate between system software and application software (2 marks)

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b) Identify 3 system utilities which manages, maintains or optimizes storage space on the hard disks. (3 marks)

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10. Suggest two advantages of using presentation software over the traditional chalk and talk approach in conducting lessons. (2 marks)

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b) Suggest two advantages of using desktop publishing package for designing cards rather than other packages. (2marks)

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c) What is a software suite? (1 mark)

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11. Suggest the kind of application program that would best facilitate the work of the following person. Give one example to each of the application program.

a) Writer of books (1 mark)

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b) An accountant of international firm (1 mark)

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c) A teacher during his lesson. (1 mark)

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d) Design of calendar (1 mark)

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e) An engineer/Architect drawing plans. (1 mark)

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12. Distinguish between graphical user interface (GUI) and command line interface, in each case give one example of an operating system that uses such interface.

a) Graphical user interface (1 mark)

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Example (1 mark)

Command line interface (1 mark)

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Example (1 mark)

b) Give one advantage of graphical user interface over command line interface. (1 mark)

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13. Mention any two wireless technology used in data communication. (2 marks)

i)

ii)

b) Suggest three advantages of using wireless network technology over physically wired medium. (3 marks)

i)

ii)

iii)

14. The most organization in Uganda today adopting e-payment for clearing the bills. Mention any two companies/governed entities using e-payment system. (2 marks)

i)

ii)

b) Suggest (3) advantages of using e – payment rather than method money payments. (3 marks)

i)

- ii)
- iii)

15.a) State any two examples of e-mail software (2 marks)

- i)
- ii)

b) An e-mail address is given as Odongo@yahoo.com (3 marks)

Identify each part of this address

- a) Odongo
- b) Yahoo
- c) .Com

16.Explain the following terms as applied in worldwide web. (5 marks)

i. Web browser

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Search engines

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ii. Web master

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iii. Web page

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iv. Home page

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17.Give any two examples of social networking websites. (2 marks)

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b) Give two advantages of social networking websites (2 marks)

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Give one disadvantage associated with addiction of login social network. (1 mark)

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- 18.** From the given memory concepts, choose the correct to complete each statement below from (i) – (v). **(5 marks)**

Cache memory, firm ware, Buffer, CMOS (Complementary Metal Oxide Semi Conductor), Virtual memory, volatile memory.

- i)This stores data temporarily during processing.
- ii)is a region of memory that is used to temporarily hold data while its being moved from place to place.
- iii)There are Ram chips that contains data, instructions and information recorded permanently by manufacture of hardware.
- iv)This is a kind of memory where the operating system allocates perform of storage to function as additional RAM or in Absence of RAM.
- v)is memory used to store configuration information about a computer.

- 19.** Indicate **True** or **False** against each statement n the table below **(5marks)**

	TRUE / FALSE
a) Package software is commercial soft ware for sale	
b) Shareware is software used for a limited period of time freely but intended for sale after a trial period.	
c) Free ware is an operating system distributed free of charge.	
d) Public domain software is distributed free of charge.	
e) Microsoft internet explorer is a web browser.	

- 20. a)** Define telecommuting. **(1 mark)**

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a) Give two advantages and two disadvantages of telecommuting

Advantages (2 marks)

- i)
- ii)

Disadvantages (2 marks)

- i)
- ii)

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